

Mayor  
William I. May, Jr.

# CITY OF FRANKFORT

## Sewer Department Quarterly Newsletter

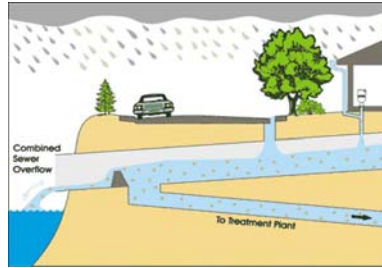
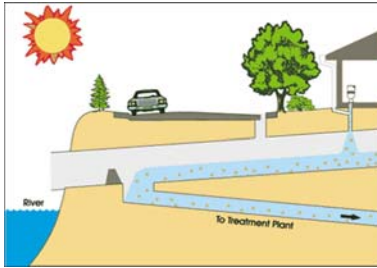
Issue 4, December 2004

Commissioners  
Lynn Bowers  
Andrew S. Layson  
Robert Roach  
Chuck Fletcher

### Combined Sewer Overflow Elimination Leads to Water Quality Improvement

Combined sewer systems are sewers that are designed to collect rainwater runoff and domestic sewage wastewater in the same pipe and transport the combined sewage to the wastewater treatment plant. Most of the time combined sewer systems transport all of their wastewater to the sewage treatment plant, where it is treated and then discharged to the Kentucky River.

During periods of heavy rainfall or snowmelt, the wastewater volume in a combined sewer system can exceed the capacity of the sewer system or treatment plant. For this reason, combined sewer systems are designed to overflow occasionally and discharge excess wastewater directly to nearby streams, rivers, or other water bodies. These overflows are called combined sewer overflows (CSOs). The City of Frankfort has 17 permitted CSOs that discharge into the Kentucky River (15 locations), Penitentiary Branch (1 location) or Benson Creek (1 location).



For approximately 7 weeks in November and December 2004, Buffalo Alley (Lewis Alley) was closed due to repairs on a collapsed sewer. The sewers in the alley are combined sewers with a CSO that discharges into the Kentucky River. During the repair project, it was determined that with additional sewer modifications the Buffalo Alley CSO could be eliminated.

Improving water quality through the minimization of CSO discharge is an important priority of the Frankfort Sewer Department. On December 14, 2004, FSD became one step closer to improving water quality in the Kentucky River through the elimination of the Buffalo Alley CSO. The CSO elimination means that no future discharges of combined sewage will occur at this location due to excessive stormwater runoff.

### Taking Care of Business *(excerpts from customer letters and phone calls):*

- ⇒ "For the past few years, I have had a problem with water seepage near my driveway and curb. The ground under the street was slowly disintegrating and the water meter was sinking. The problem was investigated and fixed in a timely and exemplary manner. These gentlemen (Mark Pardi, Fred Loman and Terry Hopper) were diligent, knowledgeable, thoroughly professional and sought to make certain that I was pleased with the job they did. The City is indeed fortunate to have such workers on the payroll. These guys do excellent work!" - Dan S. Green, Ph.D. of Capital Avenue.
- ⇒ "I have lived in the same house for over 35 years and have experienced sewer backup problems over and over. I am so glad that the Sewer Dept. has changed their policy on laterals. After investigating, your guys came out to dig up the street and replace the line. While digging, a gas odor was detected and Columbia Gas was called. The gas company dug up my yard, unhooked my gas meter and had to lay a new gas line because the old line was corroded and leaking. I never thought a sewer problem could be considered a blessing but had your guys not replaced the sewer line, the leaking gas would never have been found and there could have been horrible consequences. Mark Pardi and his crew including Terry Hopper were very respectful to me and my property. They went so far as to spread straw and grass seed on the area left bare by the gas company as well as the area where a new clean-out was installed. Please extend my sincere appreciation to a fine group of men." - Ann Johnson of Senate Drive.



### EMPLOYEE OF THE QUARTER AWARD

The Sewer Department recently instituted an Employee of the Quarter Award. The award was created to recognize an employee each quarter that provides excellent service to our customers or an employee that has exhibited outstanding performance in the execution of their duties.

The recipient of this award for the fourth quarter of 2004, is Glen Sanford. He has been employed with the department since September, 1989 and is a class III operator.

He handles the day to day activities such as daily rounds, coordinating lab results to adjust the biological treatment process, operating the biosolids belt filter press and the ozone disinfection system (as seen in the picture above).

**FSD Contact Information**  
Monday—Friday  
8:00 a.m.—4:30 p.m.

Phone: (502) 875-2448  
Fax: (502) 223-7857

- William R. Scalf, Jr., P.E.  
Director
- Robert Barker, Deputy for  
Collection System Operations  
& Expansion
- Robert Oerther, Deputy  
Director of Operations
- Robert Peterson, Staff Engineer
- Carol Atha, Administrative Aide
- Lisa Hockensmith, Office Asst.

### ***Expanding our knowledge and expertise to serve our community better . . .***

- October 1 (Bob Peterson) KY ASCE Annual Meeting in Lexington, KY.
- October 19 (Lisa Hockensmith) Safety & Security Measures for Front-Desk Personnel in Louisville, KY.
- October 26-28 (John Tanner) Commonwealth of Kentucky's Training and Certification for Wastewater Treatment Operator's in Lexington, KY.
- October 27 (Chip Gill) KY-TN Collection Systems Committee Workshop sponsored by KY-TN WEA in Bowling Green, KY.
- October 27 (Bill Scalf) 28th Governor's Conference on the Environment sponsored by the KY Environmental & Public Protection Cabinet.
- December 6 (Gregg Hosley, Fred Loman, Melanie Hockensmith, Terry Hopper, Mark Pardi, J.B. Satterwhite, T. J. Gaines, Dan Johnson, Jeff Perry, Bernard Woods, David Stivers, and Dewey Willard) "Locate Training" by C&S Solutions, Inc..

### ***Congratulations to . . .***

- *Christy Pratt*, upon receiving her Wastewater Class II Operator's certification through the Commonwealth of Kentucky's Division of Water in October.
- *T.J. Gaines and Fred Loman* were promoted from CSM Laborer to CSM I in October.
- *T.J. Gaines, J.B. Satterwhite, and David Stivers* upon receiving their CDL in November.

### ***Welcome on Board . . .***

- *Melanie Hockensmith* joined our department as a CSM Laborer in November.



*Happy Holidays  
From all the Gang  
at FSD!*

### ***Focus on Brian Satterwhite Pump Maintenance Assistant***



E-1 Pump

Brian began his employment with the City in September, 2003.

As a pump maintenance assistant, Brian assists in maintenance of pumps and pump stations. He checks pump stations on a regular basis to insure proper operating conditions. Brian is in the process of obtaining a Commonwealth of Kentucky Commercial Drivers License with tanker endorsement and air brakes. As a part of his job duties, he must be able to read and interpret blueprints and engineering drawings. He also performs preventive maintenance on flood pump stations. Brian is also learning to rebuild and install different types of pumps.

He is a Frankfort native with his two sons, ages three and seven. Brian enjoys fishing and playing basketball or golfing in his spare time.

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Frankfort Sewer Department  
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Frankfort, KY 40601

ADDRESS CORRECTION REQUESTED